
**Električni in optični kabli - Preskuševalne metode za nekovinske materiale - 404.
del: Drugi preskusi - Preskusi plaščev s potapljanjem v mineralna olja**

Electric and optical fibre cables - Test methods for non-metallic materials - Part 404:
Miscellaneous tests - Mineral oil immersion tests for sheaths

Kabel, isolierte Leitungen und Glasfaserkabel - Prüfverfahren für nichtmetallene
Werkstoffe - Teil 404: Sonstige Prüfungen - Ölbeständigkeitsprüfungen für Mäntel

Câbles électriques et câbles à fibres optiques - Méthodes d'essai pour les matériaux non
-métalliques - Partie 404: Essais divers - Essais de résistance à l'huile minérale pour les
gainés

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Ta slovenski standard je istoveten z: EN 60811-404:2012

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| 29.035.01 | Izolacijski materiali na splošno | Insulating materials in general |
| 29.060.20 | Kabli | Cables |

SIST EN 60811-404:2012

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60811-404

June 2012

ICS 29.035.01; 29.060.20

Supersedes EN 60811-2-1:1998 (partially) + A1:2001 (partially)

English version

**Electric and optical fibre cables -
Test methods for non-metallic materials -
Part 404: Miscellaneous tests -
Mineral oil immersion tests for sheaths
(IEC 60811-404:2012)**

Câbles électriques et à fibres optiques -
Méthodes d'essai pour les matériaux non-
métalliques -
Partie 404: Essais divers -
Essais de résistance à l'huile minérale
pour les gaines
(CEI 60811-404:2012)

Kabel, isolierte Leitungen und
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Ölbeständigkeitsprüfungen für Mäntel
(IEC 60811-404:2012)

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This European Standard was approved by CENELEC on 2012-04-16. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 20/1288/FDIS, future edition 1 of IEC 60811-404, prepared by IEC/TC 20 "Electric cables" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60811-404:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-01-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-04-16

This document supersedes Clause 10 of EN 60811-2-1:1998 + A1:2001 (partially). Full details of the replacements are shown in Annex A of EN 60811-100:2012.

There are no technical changes with respect to EN 60811-2-1:1998 + A1:2001, but see the Foreword to EN 60811-100:2012.

This standard is to be read in conjunction with EN 60811-100.

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This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC)

Endorsement notice

The text of the International Standard IEC 60811-404:2012 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|--|--------------|-------------|
| IEC 60811-100 | 2012 | Electric and optical fibre cables - Test methods for non-metallic materials - Part 100: General | EN 60811-100 | 2012 |
| IEC 60811-501 | - | Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds | EN 60811-501 | - |
| ISO 1817 | - | Rubber, vulcanized - Determination of the effect of liquids | - | - |

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NORME INTERNATIONALE

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Part 404: Miscellaneous tests – Mineral oil immersion tests for sheaths**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRIC AND OPTICAL FIBRE CABLES –
TEST METHODS FOR NON-METALLIC MATERIALS –****Part 404: Miscellaneous tests –
Mineral oil immersion tests for sheaths**

FOREWORD

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International Standard IEC 60811-404 has been prepared by IEC technical committee 20: Electric cables.

This Part 404 of IEC 60811 cancels and replaces Clause 10 of IEC 60811-2-1:1998, which is withdrawn. Full details of the replacements are shown in Annex A of IEC 60811-100:2012.

There are no specific technical changes with respect to the previous edition, but see the Foreword to IEC 60811-100:2012.